

**29-verapamil hydrochloride (CAS# 152-11-4)**

| Ref No.         | Abbreviated reference | Full reference   |
|-----------------|-----------------------|--|
| <b>Table 1a</b> |                       |  |
| 1               | BGPC 87 12312         | Centre Antipoisons/Antigifcentrum, Brussels, Belgium.  |
| 2               | Perkins 1978          | Perkins, C.M. (1978) Serious verapamil poisoning: treatment with intravenous calcium gluconate. Br Med J 21/10, 1127.  |
| 3               | Woie 1981             | Woie, L., Storstein, L. (1981) Successful treatment of suicidal verapamil poisoning with calcium gluconate. Eur Heart J 2, 239-242.  |
| 4               | Crump 1982            | Crump, B.J., Holt, D.W., Vale, J.A. (1982) Lack of response to intravenous calcium in severe verapamil poisoning. Lancet, October 23, 939-940.   |
| 5               | Jäger 1984            | Jäger, U., Haubenstock, A., Gössinger, H., Pirich, K., Donner, A., Hruby, K. (1984) 11 akute intoxicationsfälle mit dem kalziumantagonisten verapamil. Intensivbehandlung 2, 74-77.  |
| 6               | Zoghbi 1984           | Zoghbi, W., Schwartz, J.B. (1984) Verapamil overdose: report of a case and review of the literature. Cardiovasc Rev Rep 5, 356-359.  |
| 7               | Kozlowski 1988        | Kozlowski, J.H., Kozlowski, J.A., Schuller, D. (1988) Poisoning with sustained-release verapamil. Am J Med 85, July, 127.  |
| 8               | Gris 1989             | Gris, P., Coffernils, M., Alame, T., Kimbimbi, T.P. (1989) Intoxication volontaire au vérapamil. Sem Hôp Paris 65(8), 435-438.   |
| 9               | Hagège 1990           | Hagège, A., Masquet, C., Beaufils, P., Slama, R. (1990) Intoxication massive par le vérapamil à libération prolongé. Arch Mal Cœur 83(11), 1745-1747.  |
| 10              | Spurlock 1991         | Spurlock, B.W., Virani, N.A., Henry, C.A. (1991) Verapamil overdose. West J Med 154, February, 208-211.  |
| 11              | Köppel 1995           | Köppel, C. et al. (1995) Prolonged resuscitation efforts in serious metoprolol and verapamil overdose. Eur Assoc Poisons Centres Clin Toxicol Sci Meeting, 18-20 May, Krakow, Poland, p. 180, P-035.   |
| 12              | Buckley 1995          | Buckley, C.D., Aronson, J.K. (1995) Prolonged half-life of verapamil in a case of overdose: implications for therapy. Br J Clin Pharmac 39, 680-683.   |
| 13              | Kivistö 1997          | Kivistö, K.T., Neuvonen, P.J., Tarssanen, L. (1997) Pharmacokinetics of verapamil in overdose. Human & Exp Toxicol 16, 35-37.  |
| 14              | Holzer 1999           | Holzer, M., Sterz, F., Schoerhuber, W., Behringer, W., Domanovits, H., Weinmar, D., Weinstabl, C., Stimpfl, T. (1999) Successful resuscitation of a verapamil-intoxicated patient with percutaneous cardiopulmonary bypass. Crit Care Med 27(12), 2818-2823. |
| 15              | Szekely 1999          | Szekely, L.A., Thompson, B.T., Woolf, A. (1999) Use of partial liquid ventilation to manage pulmonary complications of acute verapamil-sustained release poisoning. Clin Toxicol 37(4), 475-479.   |
| 16              | Kuhlmann 1999         | Kuhlmann, U., Schoenemann, H., Müller, T.F., Keuchel, M., Lange, H. (1999) Plasmapheresis in fatal overdose with verapamil. Intensive Care Med, 25, 1473.  |

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| 17              | Ori 2000       | Ori, Y., Korzets, A., Caneti, M., Weinstein, T., Chagnac, A., Salman, H., Malachi, T., Gafter, U. (2000) Lymphocytic intracellular calcium in a patient with complicated verapamil overdose. <i>Am J Med Sci</i> 319(1), 63-67. |
| 18              | Place 2000     | Place, R., Carlson, A., Leiken, J., Hanashiro, P. (2000) Hyperinsulin therapy in the treatment of verapamil overdose. <i>J Toxicol Clin Toxicol</i> 38, 576-577.  |
| 19              | Vadlamudi 2002 | Vadlamudi, L. (2002) Multifocal myoclonus due to verapamil overdose. <i>Neurology</i> 58, 984-985.  |
| <b>Table 1b</b> |                |   |
| 1               | Rasmussen 1986 |   |
| 2               | Howarth 1994   | Howarth, D.M., Dawson, A.H., Smith, A.J., Buckley, N., Whyte, I.M. (1994) Calcium channel blocking drug overdose: an Australian series. <i>Hum Exp Toxicol</i> 13, 161-166.   |
| 3               | Lüscher 1994   |   |
| <b>Table 2a</b> |                |   |
| 1               | AAPCC 1990:511 | American Association of Poison Control Centers, Annual Reports.   |
| 2               | Orr 1982       | Orr, G.M., Bodansky, H.J., Dymond, D.S., Taylor, M. (1982) Fatal verapamil overdose. <i>Lancet</i> , November 27, 1218-1219.  |
| 3               | Mayer 1985     | Mayer, U., Buhl, N., Sachs, H., Sigel, H. (1985) Tödliche vergiftung mit verapamil in retard-form. <i>Dtsch Med Wschr</i> 110, 1293-1296.   |
| 4               | Børkje 1986    | Børkje, B., Omvik, P., Storstein, L. (1986) Fatal verapamilforgiftning. (In Norwegian). <i>Tidsskr Nor Lægeforen</i> 106(5), 401-402.   |
| 5               | Reines 1987    | Reines, E., Johnsen, A.Q., Husum, D., Jensen, G. (1987) Verapamil-intoksikation. (In Danish). <i>Ugeskr Læger</i> 149(46), 3106-3110.   |
| 6               | Minella 1991   | Minella, R.A., Schulman, D.S. (1991) Fatal verapamil toxicity and hypokalemia. <i>Am Heart J</i> 121(6), 1810-1812.   |
| 7               | MacDonald 1992 | MacDonald, D., Alguire, P.C. (1992) Case report: fatal overdose with sustained-release verapamil. <i>Am J Med Sci</i> 303, 115-117.   |
| 8               | Howarth 1994   | Howarth, D.M., Dawson, A.H., Smith, A.J., Buckley, N., Whyte, I.M. (1994) Calcium channel blocking drug overdose: an Australian series. <i>Hum &amp; Exp Toxicol</i> 13, 161-166.   |
| 9               | Brass 1996     | Brass, B.J., Winchester-Penny, S., Lipper, B.L. (1996) Massive verapamil overdose complicated by noncardiogenic pulmonary edema. <i>Am JU Emerg Med</i> 14(5), 459-461.   |
| 10              | Kuhlmann 1999  | Kuhlmann, U., Schoenemann, H., Müller, T.F., Keuchel, M., Lange, H. (1999) Plasmapheresis in fatal overdose with verapamil. <i>Intensive Care Med</i> , 25, 1473.   |
| 11              | Herbert 2001   | Herbert, J.X., O'Malley, C., Tracey, J.A., Dwyer, R., Power, M. (2001) Verapamil overdosage unresponsive to dextrose/insulin therapy. <i>EAPCCT XXI Int Congress</i> , 16-19 May, Barcelona, Spain, Abs 129.                    |
| 12              | SPC            | Swedish Poison Information Centre, Karolinska Hospital, Stockholm, Sweden.  |
| 13              | SPC            | Swedish Poison Information Centre, Karolinska Hospital, Stockholm, Sweden.  |

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| <b>Table 2b</b> |                |   |
| 1               | AAPCC 1992:544 | American Association of Poison Control Centers, Annual Reports.   |
| 2               | AAPCC 1992:546 | American Association of Poison Control Centers, Annual Reports.   |
| 3               | Horowitz 1989  | Horowitz, B.Z., Rhee, K.J. (1989) Massive verapamil ingestion: a report of two cases and review of the literature. Am J Emerg Med 7, 624-631.                       |
| 4               | AAPCC 1999:610 | American Association of Poison Control Centers, Annual Reports.   |
| 5               | AAPCC 2001:715 | American Association of Poison Control Centers, Annual Reports.   |
| 6               | AAPCC 2002:818 | American Association of Poison Control Centers, Annual Reports.   |
| 7               | AAPCC 2003:853 | American Association of Poison Control Centers, Annual Reports.   |
| <b>Table 3a</b> |                |   |
| 1               | Gelbke 1977    | Gelbke, H.P., Schlicht, H.J., Schmidt, G. (1977) Fatal poisoning with verapamil. Arch Toxicol 37, 89-94.  |
| 2               | Thomson 1981   | Thomson, B.M., Pannell, L.K. (1981) The analysis of verapamil in postmortem specimens by HPLC and GC. J Anal Toxicol 5, 105-109.                                    |
| 3               | Mayer 1985     | Mayer, U., Buhl, N., Sachs, H., Sigel, H. (1985) Tödliche vergiftung mit verapamil in retard-form. Dtsch Med Wschr 110, 1293-1296.                                  |
| 4               | Buckley 1993   | Buckley, N., Dawson, A.H., Howarth, D., Whyte, I.M. (1993) Slow-release verapamil poisoning. Med J Aust 158, 202-204.   |
| <b>Table 3b</b> |                |   |
| 1               | AAPCC 1986:326 | American Association of Poison Control Centers, Annual Reports.   |
| 2               | AAPCC 1987:306 | American Association of Poison Control Centers, Annual Reports.   |
| 3               | AAPCC 1990:504 | American Association of Poison Control Centers, Annual Reports.   |
| 4               | AAPCC 1992:609 | American Association of Poison Control Centers, Annual Reports.   |
| 5               | Weller 1986    | Weller, J.P., Wolf, M. (1986) Fatal verapamil poisoning. Beitr Gerichte Med 44, 271-275.  |
| 6               | Crouch 1986    | Crouch, D.J., Crompton, C., Rollins, D.E., Peat, M.A., Francom, P. (1986) Toxicological findings in a fatal overdose of verapamil. J Forensic Sci 31(4), 1505-1508. |
| 7               | Chan 1987      | Chan, L.F.T., Chhuy, L.H., Crowley, R.J. (1987) Verapamil tissue concentrations in fatal cases. J Anal Toxicol 11, 171-174.   |
| 8               | Rankin 1990    |   |